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PTO/SB/21 (02-04)
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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10 / 021, 656
	Filing Date	12-12-2001
	First Named Inventor	GARY C. JOHNSON
	Art Unit	3681
	Examiner Name	Dirk Wright
	Attorney Docket Number	
Total Number of Pages in This Submission		49

GROUP 3600

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Date	03-29-04

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To the Director of patents;
P.O. Box 1450
Alexandria, VA 22313 - 1450

I am Gary C. Johnson; applicant pro se (appn. # 10/021,656).

It eventually occurred to me, that my patent application never had a complete specification, and that the patent office never pointed this out. Thus depriving me of the Full content of an application, and the benefits thereof.

I have been systematically misled, from the start. It is a known fact, that the claim(s), The drawing(s), and the specification; support each other.

My application obviously doesn't have a "Description of the Invention", "detailed or Otherwise". How could the OIPE not notice this, especially when a request for complete Payment was sent out? How could an examiner not notice this, after three examinations?

According to the MPEP; sections: 506, 601.01(g), 702, and 702.01(B)(C), the US Patent Office; through Art Unit-3681, is in direct violation of the following codes, and

Regulations:

35 U.S.C.; 111(a), 112, and 37 CFR; 1.71(a)(b), 1.53(b).

My patent application has been processed in a fraudulent manner.

It is obligation by law, for the patent examiner(s) to forthright, and forthwith, point out Any defects of an applicant's patent application.

I had to discover my own application's defects. I have attempted to voluntarily correct My (own found) mistakes, and was resisted on every point.

I once asked; Charles Marmor (unit supervisor), what mail-stop to send amendments to, he said; that he wasn't sure. I subsequently, sent in four duplicate packages. I faxed in The fourth duplicate package, after calling around the patent office to get the correct fax number.

The fax numbers in the examiner's first office action, were identical; as well as the fax numbers in the examiner's second office action. The identical fax numbers of each office action (first, and second), were wrong.

I was actually informed before; by Dirk Wright; the examiner (over the phone), that "I couldn't make any drawing changes"

I called Dirk Wright; on or about 03-11-04, concerning the miscellaneous communication sent to me; on 03-02-04; which I never received. I asked; that he send me a substitute miscellaneous communication. I never received that one either. The examiner mentioned during this conversation, that I should wait to received notice, before sending in a corrected Brief of the Appeals. I informed him during this same conversation, that the RCE form, that I sent in with the Brief; was a mistake. It is evident, that I never retracted my Appeal.

I sent in a "Detailed Description of the Invention", and substitute claims (7, and 8), along with the "Notice of Appeal". I again sent in a "Detailed Description", and substitute claims (7, and 8); on 03-12-04, in accordance with 37 CFR 1.116.

I am sending in all the pertinent information that I have, almost fifty pages in all.

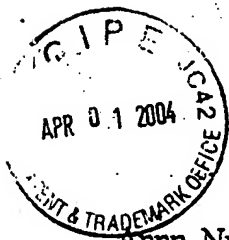
There are Axle companies, and Automobile companies, that I have sent my invention in to. I know that this country does not have a "First to File policy".

Therefore a new "Filing Date", would not necessarily allow infringement; due to a lapse of patent pending status. But, if a patent application was abandoned (for whatever reason), then there would be no "Interference", of one application on file, to any other application on file, that pertains to the same invention / claims.

Of course; to purposely allow infringement of an applicant's patent application, would be a Federal matter (intellectual property – FBI). I would be quite easy for the proper authority, to find out if any other entity has applied for the same invention, within the time frame of my patent application (Provisional, and Non-Provisional).

I expect this matter to be resolved quickly. It is highly unlawful (Federal level fraud). But I do not wish to further frustrate the situation, for obvious reasons. I may wish to retain my initial "Filing date". I'll be in touch with your office in the near future.

Gary C. Johnson (313) 566-0106
2064 Lafayette
Detroit, MI. 4802



THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appn. Number : 10 / 021,656

Appn. Filed : 12 - 12 - 2001

Applicant : Gary C. Johnson

Title : Johnson - positive action continuous traction differential (p.a.c.t.)

Examiner : Dirk Wright

Art Unit : 3681

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CONTENTS

Amendments:

amendment -A (page-01).

amendment -B (page-01).

Requests:

concerning the drawing / drawings (page-02).

Remarks:

concerning the application, specification, and references cited (page-03).

Statement:

concerning new matter (page - 04).

Detailed Description of the Invention (four pages).

Substitute claims (7, and 8) - three pages.

Corrected drawing (corrections in red).

Certificate of mailing.

683



(01)

THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appn. Number : 10 / 021,656

Appn. Filed : 12 - 12 - 2001

Applicant : Gary C. Johnson

Title : Johnson - positive action continuous traction differential (p.a.c.t.)

Examiner : Dirk Wright

Art Unit : 3681

AMENDMENT A

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313 - 1450

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Sir :

In response to the office action mailed, 5-5-2003.
Please amend the above application as follows :

Claims : cancel all claims of record, and substitute as follows:

Substitute with the claims enclosed (7 and 8).

AMENDMENT B

Specification :

- (1) Please add to the application, the enclosed description titled, "DETAILED DESCRIPTION OF THE INVENTION", otherwise known as the "Description of the Preferred Embodiment" The application never had one. This is not a substitute.
- (2) Omit duplicate sentence in "Detailed Description of the Drawing" of the line 7 and 8. "the gear case 9 having a bevel gear 11, fixed/splined to it's other end.

Requests:

of the drawing, please make the proposed changes, based on the following :

- (1) Add to the case 8, the support stock on the outside of the said case 8; along / around the axles 5, and 10.

Otherwise, the case 8, would have to be supported in the housing 25, (shown fragmented) on the axles 5, and 10. This would be possible, but not practical

- (2) Add lines of invisibility where axle 5, passes through the support stock of the bevel gear 12.

Herein indicating that the bevel gear 12, and the axle 5, are splined / stationary; to each other.

This correction can be justified, by the "Detailed Description of the Drawing". See; lines 5, and 6, saying; "A bevel gear 12; being splined to axle shaft 5".

- (3) Add hatching lines to the support stock of case 9, and other informalities of the hatching lines; where indicated.

- (4) Make the indicated changes of the reference numbers; whether added or changed.

* * * * *

Thank You !

Remarks :

The reference cited (Borgudd – 5,176,589), is an incorporation of a bevel gear type differential gear, with that of a ring gear/wheel type differential gear.

What I am claiming is, an incorporation of a bevel gear type differential gear, with that of a particular type of differential gear.

My invention uses a said; second type differential gear, that has retroaction capabilities; of one axle section to the other. The said; second type differential gear, doesn't have/need a ring gear/wheel (see; Borgudd's [18]).

This application of mine never had a "Detailed Description of the Invention", otherwise known as the "description of the preferred embodiment".

The "detailed description of the invention" enclosed is not a substitute specification.

For the record; I make mention; that the examiner failed to point out the lack of a description of the invention, which is vital to understanding claim drafting, (as learned).



(04)

THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appn. Number : 10 / 021,656

Appn. Filed : 12 - 12 - 2001

Applicant : Gary C. Johnson

Title : Johnson-positive action continuous traction differential (p.a.c.t.)

Examiner : Dirk Wright

Art Unit : 3681

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Statement concerning new matter:

With this statement I, Gary C. Johnson attest to, and verify that there is no new matter contained in the "Detailed Description of the Invention", or the substitute claims submitted. The corrections made do not constitute new matter, but are of the original application's subjective material. The composition of what is claimed, and what is corrected, is substantiated by what is already presented in the original application.

Signature: Gary C. Johnson

Date : 2/25/04



(1)

DETAILED DESCRIPTION OF THE INVENTION

This invention pertains to a new vehicle differential. The new differential having these advantages :

- (1) an all gear drive system,
- (2) continuous drive means to each drive axle/wheel,
- (3) forced / allowed ,inversely proportional rotation variability between axle sections ; only when needed,
- (4) anti roll-back means of the drive wheels / axle sections on an inclined drive surface,
- (5) also having dual internal driving means to each drive axle section / wheel.

The said new differential shown in the drawing, is herein described.

The housing 25, (shown fragmented) is the outermost support element of the said; new differential. The end plate 20, is affixed to the case 8, by bolts 28, and 30.

The differential case 8; being rotatively supported, and axially supported in the said housing 25; by way of the outwardly protruding axial stock of case 8. The said new differential; being rotated by way of the crown gear 24, shaft 23, and gear 22.

Gear 22; being splined to the shaft 23. Shaft 23; being rotatively supported by the housing 25. The case 9; being axially, and rotatively supported by the case 8; by way of the protruding end support stock of case 9, and the bearing 26. The case 9; being supported also, by way of bevel gear 11, and shaft 19.

The said bevel gear 11; being axially affixed/splined to the case 9. The bevel gear 11; being axially supported and rotatively supported by way of the bearing 21 and the shaft 19. The shaft 19; by way of it's end support stock 2; is axially supported and stationary to the case 8; by way of the support member 1. The support member 1 (shown with a circular invisibility line) is affixed/stationary to the case 8. Pinion shafts 3 and 4; are stationary to case 8; by way of case 8 and the said support stock 2; of shaft 19. The axle shaft 5; being entered and supported rotatively through / by the central stock of case 8, support 1, and shaft 19. The final resting place of axle shaft 5; being the central inside wall of case 9. The bevel gear 12 is splined/stationary to the axle shaft 5. The bevel gear 12; being axially and rotatively supported in the case 8; by way of the bearing 27 and the extended support stock of the said bevel gear 12. The bevel gears 13 and 14; being rotatively stationary to the case 8; by pinion shafts 3 and 4. The bevel gears 13 and 14; being in continuous engagement contact with the bevel gears 11 and 12. The axle shaft 10; being axially splined/stationary to the extended support stock of the case 9. The gear 6 is axially splined/stationary to the end of axle shaft 5. The gear 7 is axially splined to the end of shaft 19. The shafts 17 and 18 are stationary to the case 9 and parallel to the axis of the said case 9. The gears 15 and 16; have the same function / purpose.

The gear 15 is axially and rotatively stationary in the case 9; by way of shaft 17.

The gear 16 is axially and rotatively stationary in the case 9; by way of the shaft 18.

The gears 15 and 16 are orbitally engaged to the gears 6 and 7.

Wherein the said new differential is being rotated in the direction indicated in the drawing, and

(3)

(a) wherein rotation variability, between axle sections is needed; due to drive path curvature (when referred to; axle section / sections, also includes the drive wheel , of the axle section / sections referred to).

Wherein the axle section of axle 5, and gear 6, is rotating slower than the drive case 8; due to external force. The gear/gears; 15 /16, will herein be forced to rotate inversely proportional over / around gear 7. Thus causing the axle section of axle 10, to also rotate inversely proportional; relative to the axle section, of axle 5.

Wherein the axle section of axle 5, and gear 6, is rotating faster than the drive case 8; due to external force. The gear/gears; 15 /16, will herein be forced to rotate inversely proportional over / around gear 7. Thus causing the axle section of axle 10, to also rotate inversely proportional; relative to the axle section, of axle 5.

(b) wherein the axle section of axle 10, has complete traction, and complete rotation resistance and the axle section of axle 5; having neither. The axle section of axle 10; being / beginning at 0 rpm.

The said new differential is designed to automatically go into a gear-locking effect / mode. The above said axle section, of axle 10; being / beginning at 0 rpm. Herein; the gear / gears 15 /16; being stationarily rotative. Therefore the gears 7, 6, and 12, are caused / forced to rotate at the same rpm as the drive case 8. Thus preventing rotation of the gear / gears 13 /14, on their respective shafts 3 /4. Therein also preventing the independent rotation ability of gear 11, and it's axle section / axle 10. Herein both axle sections, are forced to rotate at the speed as case 8.

(4)

(d) wherein the axle section of axle 5, has complete traction, and complete rotation resistance; and the axle section of axle 10, having neither. Herein the axle section of axle 5; being / beginning at 0 rpm .

In the above said circumstance, the said; new differential is designed to automatically go into a gear-locking effect / mode. Whereas gear 6, of axle 5, is also at 0 rpm. Herein the gear 7; of shaft 19, and drive case 8, will try to rotate the case 9, by way of the gear / gears 15 /16; but in an opposing direction to that of drive case 8. Whereas gear 12, of axle 5, is also at 0 rpm; the gear / gears 13 /14 , will try to rotate the case 9, by way of gear 11; but in the same direction as the drive case 8. Herein, two different drive forces / members are acting on the same driven member; and at the same time. Hereby causing the afore said; gear-locking effect / mode. Each axle section ; hereby is forced to rotate at the same rpm as the other axle section, and the case 8.

(e) wherein traction is lost by one of either axle section; on an inclined drive surface. Herein a situation called; " vehicle roll-back " could occur.

The afore mentioned gear-locking effects / modes; will prevent loss of momentum of the axle section that has traction. This said new differential is designed; and the axle sections integrated in such a way; that equaled drive rotation resistance is caused; one axle section to the other.

Safety is an inherent advantage of the said; new (p.a.c.t.) differential. "Fish-tailing"; due to sudden drive surface traction of an over accelerated drive wheel, is preventable.

Gary C. Johnson - Appn. # 10 / 021,656

I Claim;

7. A new self controlled, self contained, gear driven differential, having continuous drive means for each output shaft, said differential comprising a common planetary differential gear, and at least one new planetary differential gear, said new differential including :

a differential gear housing (8) that is drivable rotatively, and planet gears (13,14) mounted in the said housing (8) for axial and radial rotation therewith, and differential side bevel gears (11,12), mounted rotatively in the said housing (8), meshing with the said planet gears (13,14), and one axle shaft (5); being axially stationary to the side bevel gear (12), said axle shaft (5); being freely rotative within the said differential housing (8), and further comprising :

at least one said new planetary differential gear comprising :

two sun gears (6,7), and at least one planet gear (15,16), and a support structure (9), and one input shaft (19), and two output shafts (5,10);

wherein :

- (a) said support structure (9), is independently rotative of any other housing of the said differential; and the said support structure supporting the said at least one planet gear (15/16), the support structure (9); being axially stationary to the side bevel gear (11), the said support structure (9); being axially supported by way of the differential case (8), and
- (b) one input shaft (19); being axially stationary to the drive case (8), the said input shaft (19); having a smooth rounded inner surface throughout, and
- (c) a first sun gear (7); being open throughout it's central axis, the said first sun gear (7); being axially stationary to the end of the said input shaft (19), and

- (d) a first output shaft (5); being entered freely through and past the end of the said input shaft (19), and past the said first sun gear (7); herein the end of the said first output shaft (5); protrudes past the said first sun gear (7); being entered into the support structure (9), and
 - (e) a second output shaft (10); being freely entered through the case (8); wherein the said second output shaft (10); is axially stationary to the said the said support structure (9), and
 - (f) a second sun gear (6); being axially stationary to the end of the said first output shaft (5), and
 - (g) a shaft /shafts (17/18); being off-centered ,and stationary in the support structure (9); along the central axis of the differential, and
 - (h) at least one planet gear (15/16); orbitally engaged to the said first and, second sun gear (6, and 7), the said at least one planet gear (15/16); being rotatively stationary in the support structure (9); by way of the said shaft /shafts (17/18).
8. A new planetary differential gear as claimed in claim 7., the said at least one new planetary differential gear including:
- (a) said support structure (9), is independently rotative of any other housing of the said differential; and the said support structure supporting the said at least one planet gear (15/16), the support structure (9); being axially stationary to the side bevel gear (11), the said support structure (9); being axially supported by way of the differential case (8), and
 - (b) one input shaft (19); being axially stationary to the drive case (8), the said input shaft (19); having a smooth rounded inner surface throughout, and
 - (c) a first sun gear (7); being open throughout it's central axis, the said first sun gear (7); being axially stationary to the end of the said input shaft (19), and

- (d) a first output shaft (5); being entered freely through and past the end of the said input shaft (19), and past the said first sun gear (7); herein the end of the said first output shaft (5); protrudes past the said first sun gear (7); being entered into the support structure (9), and
- (e) a second output shaft (10); being freely entered through the case (8); wherein the said second output shaft (10); is axially stationary to the said the said support structure (9), and
- (f) a second sun gear (6); being axially stationary to the end of the said first output shaft (5), and
- (g) a shaft /shafts (17/18); being off-centered ,and stationary in the support structure (9); along the central axis of the differential, and
- (h) at least one planet gear (15/16); orbitally engaged to the said first and, second sun gear (6, and 7), the said at least one planet gear (15/16); being rotatively stationary in the support structure (9); by way of the said shaft /shafts (17/18).

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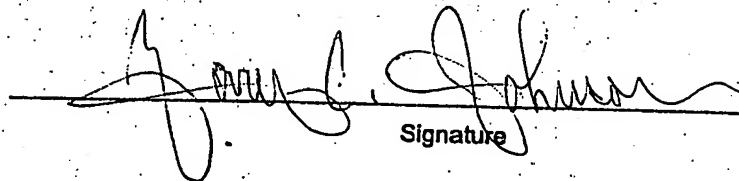
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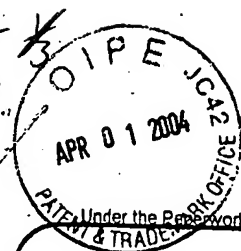

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	Art Unit	3681
	Examiner Name	Dirk Wright
Total Number of Pages in This Submission	Attorney Docket Number	

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<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
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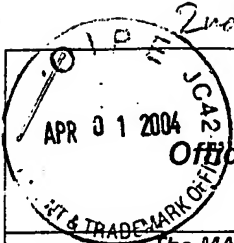
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Signature	
Date	03-12-04

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1/3



Office Action Summary

Application No.

10/021,656

Applicant(s)

JOHNSON, GARY CARLTON

Examiner

Dirk Wright

Art Unit

3681

The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 4-6 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 4-6 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on ____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) ____.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). ____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other:

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APR 07 2004
GROUP 3600

Response to Amendment

Applicant's Amendment, filed February 23, 2003, lacks arguments as to the patentability of his new claims over the prior rejection. The application has been further examined to advance the prosecution thereof despite a lack of arguments. Applicant's hand written note attached to the Amendment states in part that applicant "first tried to accomplish this idea in 1995". A telephone interview with the applicant revealed that applicant did not mean that he had reduced the invention to practice at that time, only that he first started working on the problem at that time. Therefore, it appears that there is no bar to applicant's invention due to the possibility that he had reduced it to practice more than one year prior to filing this application.

Drawings

The drawings are objected to under 37 CFR 1.83(a). The drawings must show every feature of the invention specified in the claims. Therefore, the differential housing as recited in line 7 of claim 4 must be shown or the feature(s) canceled from the claim(s). No new matter should be entered.

A proposed drawing correction or corrected drawings are required in reply to the Office action to avoid abandonment of the application. The objection to the drawings will not be held in abeyance.

Claim Rejections - 35 USC § 112

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter that the applicant regards as his invention.

Claims 4-6 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the

Art Unit: 3681

invention. In claim 4, line 4, the phrase "such as" is indefinite because it is not clear if the list that follows the phrase is closed or open ended. In line 6 of the claim, "the drive axles" lacks a proper antecedent. In line 22, "of the" appears twice. In line 23, "matching" is not clear because it does not describe a specific relationship between the first gear shaft and the primary drive case. Did applicant intend to mean that the two parts were axially aligned? In line 39, "being beside each other as close as possible" does not describe a specific relationship in enough clarity for one of ordinary skill in this art to make and or use applicant's invention. It appears that applicant intended to say that the parts were immediately adjacent. In line 47, "the second axial opening" lacks a proper antecedent. Applicant must first state that the primary drive case has a first and a second axial opening before the recitation. Further, "the second axial side" also lacks a proper antecedent. In claim 5, "any other differential" does not recite positive structure or establish a clear claimed limitation. Likewise, in claim 6, the scope of "common bevel gear differential" is unclear.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dirk Wright whose telephone number is 703-308-2160. The examiner can normally be reached on Monday through Friday, 8AM-4:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Charles Marmor can be reached on 703-308-0830. The fax phone numbers for the organization where this application or proceeding is assigned are 703-305-3597 for regular communications and 703-305-3597 for After Final communications.

Application/Control Number: 10/021,656

Page 4

Art Unit: 3681

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-308-2168.

Dirk Wright
Primary Examiner
Art Unit 3681

dw
May 3, 2003

A handwritten signature in black ink, appearing to read 'Dirk Wright', is written over the typed name and title.

It appears that the applicant in this application is a *pro se* applicant (an inventor filing the application alone without the benefit of a Patent Attorney or Agent). Applicant may not be aware of the preferred methods of ensuring timely filing of responses to communications from the Office and may wish to consider using the Certificate of Mailing or the Certificate of Transmission procedures outlined below.

CERTIFICATE OF MAILING

To ensure that the Applicant's mailed response is considered timely filed, it is advisable to include a "certificate of mailing" on at least one page (preferably on the first page) of the response. This "certificate" should consist of the following statement:

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" on (date).

(Typed or printed name of the person signing this certificate)

(signature)

CERTIFICATE OF TRANSMISSION

Alternatively, if applicant wishes to respond by facsimile rather than by mail, another method to ensure that the Applicant's response is considered timely filed, is to include a "certificate of transmission" on at least one page (preferably on the first page) of the response. This method should be used by foreign applicants without access to the U.S. Postal Service. This "certificate" should consist of the following statement:

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office, Fax No. (703)____-____ on (date).

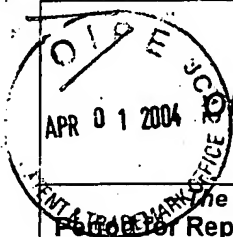
(Typed or printed name of the person signing this certificate)

(signature)

These "Certificates" may appear anywhere on the page, and may be handwritten or typed. They must be signed, and the date must be the actual date on which it is mailed or transmitted. For the purpose of calculating extensions of time, the date shown on the certificate will be construed as the date on which the paper was received by the Office, regardless of the date the U.S. Postal Service actually delivers the response, or the fax is "date-stamped" in. In this way, postal or transmission delays do not affect the extension-of-time fee.

In the event that a communication is not received by the Office, applicant's submission of a copy of the previously mailed or transmitted correspondence showing the originally signed Certificate of Mailing or Transmission statement thereon, along with a statement from the person signing the statement which attests to the timely mailing or transmitting of the correspondence, would be sufficient evidence to entitle the applicant to the mailing or transmission date of the correspondence as listed on the Certificate of Mailing or Transmission, respectively.

NOTICE TO APPLICANT: In the case of lost or late responses the use of other "receipt producing" forms of mailing a correspondence to the Patent Office, such as Certified Mail, or a private shipper such as FedEx, **WILL NOT** result in the applicant getting the benefit of the mailing date on such receipts. These receipts are not considered to be acceptable evidence since there is nothing to "tie-in" the receipt with the particular document allegedly submitted.



Office Action Summary

Application No. 10/021,656	Applicant(s) JOHNSON, GARY CARLTON	
Examiner Dirk Wright	Art Unit 3681	

The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-3 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-3 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on ____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
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- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

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- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 2.
- 4) ☐ Interview Summary (PTO-413) Paper No(s) ____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other:

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Claim Rejections - 35 USC § 102

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-3, as best understood, are rejected under 35 U.S.C. 102(b) as being anticipated by Borgudd '589. Borgudd shows a bevel gear differential combined with a spur gear planetary gearing wherein a side gear 10 is connected to a frame 14 of the planetary gearing.

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. The references show bevel gear differentials combined with spur-type planetary gearing.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dirk Wright whose telephone number is 703-308-2160. The examiner can normally be reached on Monday through Friday, 8AM-4:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Charles Marmor can be reached on 703-308-0830. The fax phone numbers for the organization where this application or proceeding is assigned are 703-305-3597 for regular communications and 703-305-3597 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-308-2168.

Dirk Wright
Primary Examiner
Art Unit 3681

dw
January 9, 2003

Art Unit: 3681

correspondence, would be sufficient evidence to entitle the applicant to the mailing or transmission date of the correspondence as listed on the Certificate of Mailing or Transmission, respectively.

NOTICE TO APPLICANT: In the case of lost or late responses the use of other "receipt producing" forms of mailing a correspondence to the Patent Office, such as Certified Mail, or a private shipper such as FedEx, **WILL NOT** result in the applicant getting the benefit of the mailing date on such receipts. These receipts are not considered to be acceptable evidence since there is nothing to "tie-in" the receipt with the particular document allegedly submitted.

An examination of this application reveals that applicant is unfamiliar with patent

prosecution procedure. While an inventor may prosecute the application, lack of skill in this field usually acts as a liability in affording the maximum protection for the invention disclosed.

Applicant is advised to secure the services of a registered patent attorney or agent to prosecute the application, since the value of a patent is largely dependent upon skilled preparation and prosecution. The Office cannot aid in selecting an attorney or agent.

Applicant is advised of the availability of the publication "Attorneys and Agents Registered to Practice Before the U.S. Patent and Trademark Office." This publication is for sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

Claims 1-3 are rejected as failing to define the invention in the manner required by 35 U.S.C. 112, second paragraph.

The claim(s) are narrative in form and replete with indefinite and functional or operational language. The structure that goes to make up the device must be clearly and positively specified. The structure must be organized and correlated in such a manner as to present a complete operative device. The claim(s) must be in one sentence form only. Note the format of the claims in the patent(s) cited.

Art Unit: 3681

It appears that the applicant in this application is a *pro se* applicant (an inventor filing the application alone without the benefit of a Patent Attorney or Agent). Applicant may not be aware of the preferred methods of ensuring timely filing of responses to communications from the Office and may wish to consider using the Certificate of Mailing or the Certificate of Transmission procedures outlined below.

CERTIFICATE OF MAILING

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(Typed or printed name of the person signing this certificate)

(signature)

CERTIFICATE OF TRANSMISSION

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(signature)

These "Certificates" may appear anywhere on the page, and may be handwritten or typed. They must be signed, and the date must be the actual date on which it is mailed or transmitted.

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1449 Form

THE POSITIVE ACTION CONTINUOUS TRACTION DIFFERENTIAL

Field of SEARCH

475/252

REFERENCES CITED

U. S. Patent Documents

10564 U.S. PTO
10/021656
12/12/01

RP 4/916,978

4/1990: Razelli

475/252

3/768,336

10/1973 wharton

DIRK WRIGHT
PRIMARY EXAMINER
ART UNIT 352 3681

[Signature]

1/9/03

Notice of References Cited

Application/Control No.

10/021,656

Applicant(s)/Patent Under

Reexamination

JOHNSON, GARY CARLTON

Examiner

Dirk Wright

Art Unit

3681

Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	A	US-5176589-A	01-1993	Borgudd	475/211
	B	US-5785622-A	07-1998	Perry	475/84
	C	US-6120407-A	09-2000	Mimura	475/225
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

FOREIGN PATENT DOCUMENTS

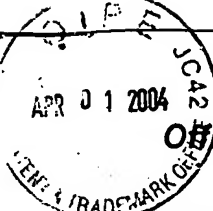
*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

3rd office action

	Application No.		Applicant(s)	
	10/021,656		JOHNSON, GARY CARLTON	
	Examiner		Art Unit	
	Dirk Wright		3681	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

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- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on _____.
- 2a) ☒ This action is FINAL. 2b) ☐ This action is non-final.
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Disposition of Claims

- 4) ☒ Claim(s) 4-6 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 4-6 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☒ The proposed drawing correction filed on 31 July 2003 is: a) ☐ approved b) ☒ disapproved by the Examiner.
If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
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 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s). _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____ | 6) <input type="checkbox"/> Other: |

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GROUP 3600

Response to Amendment

Applicant's Amendment filed July 31, 2003, has been considered.

The spacing of the lines of the specification is such as to make reading and entry of amendments difficult. New application papers with lines double spaced on good quality paper are required.

The substitute specification filed July 31, 2003 has not been entered because it does not conform to 37 CFR 1.125(b) and (c) because: The handwritten text is hard to read, the lines are not double spaced, and there is no statement that the new specification does not contain new matter. Further, there is no marked up copy of the original specification to show which parts were changed.

Further, the new claims 7 and 8 have not been entered because the hand written text is not double-spaced and is hard to read.

The proposed corrections to the drawings, filed on July 31, 2003, are not approved because they introduce new matter. The new matter includes the broken line parts near items 5 and 10 in the drawing.

Claims Rejected

Claims 4-6 remain rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. In claim 4, line 4, the phrase "such as" is indefinite because it is not clear if the list that follows the phrase is closed or open ended. In line 6 of the claim, "the drive axles" lacks a proper antecedent. In line 22, "of the" appears twice. In line 23, "matching" is not clear because it does not describe a specific relationship between the first gear shaft and the primary drive case.

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Did applicant intend to mean that the two parts were axially aligned? In line 39, "being beside each other as close as possible" does not describe a specific relationship in enough clarity for one of ordinary skill in this art to make and or use applicant's invention. It appears that applicant intended to say that the parts were immediately adjacent. In line 47, "the second axial opening" lacks a proper antecedent. Applicant must first state that the primary drive case has a first and a second axial opening before the recitation. Further, "the second axial side" also lacks a proper antecedent. In claim 5, "any other differential" does not recite positive structure or establish a clear claimed limitation. Likewise, in claim 6, the scope of "common bevel gear differential" is unclear.

Conclusion

An examination of this application reveals that applicant is unfamiliar with patent prosecution procedure. While an inventor may prosecute the application, lack of skill in this field usually acts as a liability in affording the maximum protection for the invention disclosed. Applicant is advised to secure the services of a registered patent attorney or agent to prosecute the application, since the value of a patent is largely dependent upon skilled preparation and prosecution. The Office cannot aid in selecting an attorney or agent.

Applicant is advised of the availability of the publication "Attorneys and Agents Registered to Practice Before the U.S. Patent and Trademark Office." This publication is for sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

This action is a **final rejection** and is intended to close the prosecution of this application. Applicant's reply under 37 CFR 1.113 to this action is limited either to an appeal to

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the Board of Patent Appeals and Interferences or to an amendment complying with the requirements set forth below.

If applicant should desire to appeal any rejection made by the examiner, a Notice of Appeal must be filed within the period for reply identifying the rejected claim or claims appealed. The required appeal fee of \$165 must accompany the Notice of Appeal.

If applicant should desire to file an amendment, entry of a proposed amendment after final rejection cannot be made as a matter of right unless it merely cancels claims or complies with a formal requirement made earlier. Amendments touching the merits of the application which otherwise might not be proper may be admitted upon a showing a good and sufficient reasons why they are necessary and why they were not presented earlier.

A reply under 37 CFR 1.113 to a final rejection must include the appeal from, or cancellation of, each rejected claim. The filing of an amendment after final rejection, whether or not it is entered, does not stop the running of the statutory period for reply to the final rejection unless the examiner holds the claims to be in condition for allowance. Accordingly, if a Notice of Appeal has not been filed properly within the period for reply, or any extension of this period obtained under either 37 CFR 1.136(a) or (b), the application will become abandoned.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dirk Wright whose telephone number is 703-308-2160. The examiner can normally be reached on Monday through Friday, 8AM-4:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Charles Marmor can be reached on 703-308-0830. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Application/Control Number: 10/021,656

Art Unit: 3681

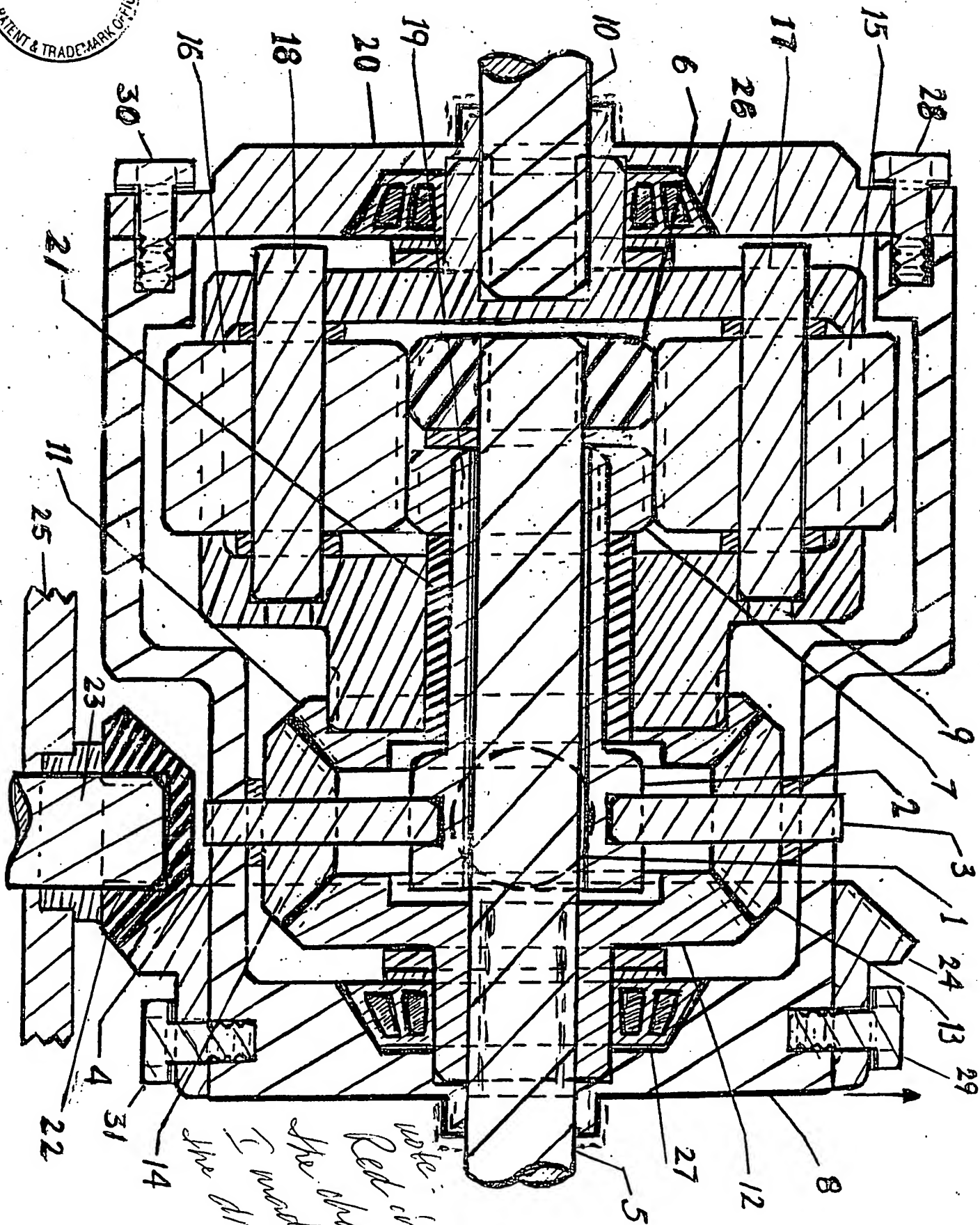
Page 5

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-308-2168.

Dirk Wright
Primary Examiner
Art Unit 3681

A handwritten signature in black ink, appearing to read 'Dirk Wright', written over the printed name and title.

DW
Wednesday, October 15, 2003



*Note indicates
Red changes
the drawing
I made
the drawing.*



BRIEF DESCRIPTION OF THE DRAWINGS

FIG. 1. is a cross sectional veiw of the said new differential.

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*note: This is from
the original application*

BACKGROUND OF THE INVENTION

This invention relates to a better vehicle differential, that prevents wheel slippage and wheel immobility.

On heavy-duty vehicles, limited slip differentials are not practical. Heavy-duty vehicles often use locking mechanisms to keep both axle sections rotating continuously, which is not always practical either, variability is disrupted

This new differential can use gears for drive force.

SUMMARY OF THE INVENTION

The new differential provides positive rotation to each axle section of a vehicle, under all road conditions, when the vehicle is on a level surface.

It will still allow variability between axle sections when needed on a curved path, but only allowing inversely proportional rotation, which is one of the advantages of the new differential.

The new differential, when used one for each set of drive axle sections, and being inversely installed; having the two different drive mechanism of one differential, diametrically opposed to the two different drive mechanisms of the other differential, will only allow diametrical wheel/axle section roll-back. Therefor at least one wheel on the left or right of the vehicle will have constant rotation capability.

DETAILED DESCRIPTION OF THE DRAWINGS

In FIG. 1, the support member 1 supports the central case member 2, the case member 2 is the final resting place for pinion shafts 3 and 4. the axle shaft 5, has a gear 6 splined to it's end. The gear 7 is rotatively stationary to the pinion case 8, being splined to the shaft 19. The shaft 19 being fixed to the central case member 2. The planetary gear case 9, having an axle shaft 10 splined to one of it's axial openings. The gear case 9 having a bevel gear 11 fixed/splined to it's other end. A bevel gear 12 being splined to axle shaft 5. the pinion gears 13 and 14 being rotatively stationary to the main case 8. The gear case 9, having an axle shaft 10 splined to one of it's axial openings. The gear case 9 having a bevel gear 11 fixed/splined to it's other end. The gear case 9 having orbital gears 15 and 16 rotatively stationary to the said case 9, by way of shafts 17 and 18 respectively. The end plate 20 is for the entrance and containment of most of the members of the said new differential. The member 29 is a flat bearing.

In FIG. 1, wherein if one of either axle sections were to resist mobility, the faster rotating gear 6 or 7 will counter rotate the orbital gears 15 and 16, therein counter rotating the case 9 and it's splined axle shaft, therein the differential only allowing inversely proportional rotation.

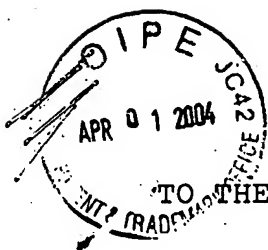
I claim, a new differential having :

1. a pinion differential incorporated with planetary gearing.

2. a new differential having : a pinion differential incorporated with planetary gearing, the planetary gearing having a rotatable case/fixture of it's own.

3. a new differential having : a pinion differential incorporated with planetary gearing, the planetary gearing having a rotatable case/fixture of it's own, the said case being stationary/fixed to one of the axle bevel gears.

APPEAL BRIEF



TO THE BOARD OF APPEALS AND INTERFERENCES :

I am Gary C. Johnson. Please excuse my informalities.
I request that your board reverse the decision of final rejection of 10-16-2003, based on the following points.

The claims that I will send are included in this brief.
Particularly claim number 8.

Claim number 8. is a new planetary gear.
it is not only different in configuration from known planetary gears, but it also functions quite differently.
It has retroactive qualities of one axle section relative to the other axle section. Herein inversely proportional rotation between axle sections is made possible.

Further more the patent of Borgudd's; 5,176,589, claims a controllable differential. Anything can be made to be to made controllable by indirect means.

At the time of Borgudd's patent, the said new planetary gear of mine had not yet been conceived of. Besides someone utilizing two known planetary gears in a different way to invent something better, would not be excluded from possible patenting. Again as stated; Borgudd's patent is of a "CONTROLLED" differential.

I also filed a provisional patent application, on 12/12/01. It shows the said new planetary gear of mine, being without other conventional planetary gears, but is much more complex.

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APPEAL BRIEF (cont.)

The invention of Borgudd's require some kind braking mechanisms. Notice in the description of the preferred embodiment of BORGUD'S (5,176,589), lines 41 and 42; that the type of planetary gear used, has/is a ring gear that is in contact/rotates the planet wheels (16,17), in line 19 of the same heading.

The planetary gear used in my invention doesn't have or need a ring gear around it's planet wheel(S).

The said new planetary gear of mine is the only way possible to have inversely proportional variability and equalized lateral rotation of each/both axle sections, in a differential having all gear drive.

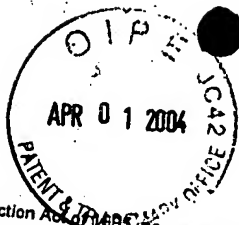
Years ago, I had come to realize that in order to have reverse rotation of one axle to the other, that the speed of the drive case need be a constant of the three variables. so that the the two driven variables need some how push away from each other using the constant drive factor as a base.

Again I appologize for my informalities. I have very limited resources, and my education isn't quite adequate.

I look forward to your response,

THANK YOU !, GARY C. JOHNSON

APPN. # 10/021,656



mine

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REQUEST FOR CONTINUED EXAMINATION (RCE) TRANSMITTAL

Subsection (b) of 35 U.S.C. § 132, effective on May 29, 2000, provides for continued examination of an utility or plant application filed on or after June 8, 1995.
See The American Inventors Protection Act of 1999 (AIPA).

Application Number	10/021,656
Filing Date	12-12-2001
First Named Inventor	Gary C. Johnson
Group Art Unit	3681
Examiner Name	Dirk Wright
Attorney Docket Number	

This is a Request for Continued Examination (RCE) under 37 C.F.R. § 1.114 of the above-identified application.
NOTE: 37 C.F.R. § 1.114 is effective on May 29, 2000. If the above-identified application was filed prior to May 29, 2000, applicant may wish to consider filing a continued prosecution application (CPA) under 37 C.F.R. § 1.53 (d) (PTO/SB/29) instead of a RCE to be eligible for the patent term adjustment provisions of the AIPA. See Changes to Application Examination and Provisional Application Practice, Final Rule, 65 Fed. Reg. 50092 (Aug. 16, 2000); Interim Rule, 65 Fed. Reg. 14865 (Mar. 20, 2000), 1233 Off. Gaz. Pat. Office 47 (Apr. 11, 2000), which established RCE practice.

1. Submission required under 37 C.F.R. § 1.114

- a. ☐ Previously submitted
 - i. ☐ Consider the amendment(s)/reply under 37 C.F.R. § 1.116 previously filed on _____
(Any unentered amendment(s) referred to above will be entered).
 - ii. ☒ Consider the arguments in the Appeal Brief or Reply Brief previously filed on _____
 - iii. ☐ Other _____
- b. ☐ Enclosed
 - i. ☐ Amendment/Reply
 - ii. ☐ Affidavit(s)/Declaration(s)
 - iii. ☐ Information Disclosure Statement (IDS)
 - iv. ☐ Other _____

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2. Miscellaneous

- a. ☐ Suspension of action on the above-identified application is requested under 37 C.F.R. § 1.103(c) for a period of _____ months. (Period of suspension shall not exceed 3 months; Fee under 37 C.F.R. § 1.17(f) required)
- b. ☐ Other _____

3. Fees

- a. ☐ The RCE fee under 37 C.F.R. § 1.17(e) is required by 37 C.F.R. § 1.114 when the RCE is filed.
Deposit Account No. _____
- i. ☐ RCE fee required under 37 C.F.R. § 1.17(e)
- ii. ☐ Extension of time fee (37 C.F.R. §§ 1.136 and 1.17)
- iii. ☐ Other _____
- b. ☐ Check in the amount of \$ 161.00 enclosed
- c. ☐ Payment by credit card (Form PTO-2038 enclosed)

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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

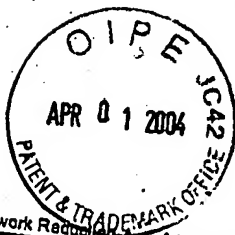
Name (Print Type)	Gary C. Johnson	Registration No. (Attorney/Agent)	
Signature	<i>Gary C. Johnson</i>	Date	12-26-2003

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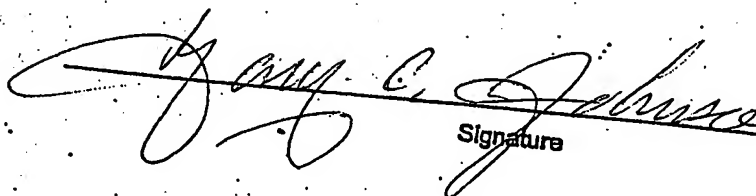
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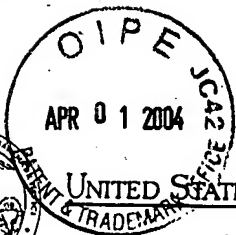

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APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
60/254,901	12/12/2000		75		3		

Gary Carlton Johnson
P O Box # 10855
Columbus, OH 43201

FILING RECEIPT



OC000000005754415

Date Mailed: 02/12/2001

Receipt is acknowledged of this provisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the PTO processes the reply to the Notice, the PTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Gary Carlton Johnson, Columbus, OH ;

Continuing Data as Claimed by Applicant

Foreign Applications

If Required, Foreign Filing License Granted 02/09/2001

** SMALL ENTITY **

Title

Johnson-positive action continuous traction (p.a.c.t) vehicle, differential

Preliminary Class

Data entry by : BUTLER, DAVINA

Team : OIPE

Date: 02/12/2001



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APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/021,656	12/12/2001	Gary Carlton Johnson	

CONFIRMATION NO. 4604

FORMALITIES LETTER



OC000000007393810

Gary C. Johnson
P.O. Box 10855
Columbus, OH 43201

Date Mailed: 01/30/2002

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is insufficient.
Applicant must submit \$ 193 to complete the basic filing fee for a small entity.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 258.

*A copy of this notice **MUST** be returned with the reply.*

H. Truong
Customer Service Center

Initial Patent Examination Division (703) 308-1202

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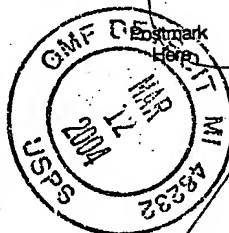
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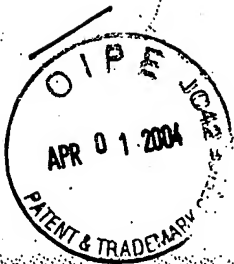
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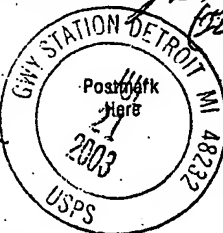
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